

INTERNATIONAL SEARCH REPORT

International Application No
PCT/EP2004/052016

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 F02M21/02 F02B27/02 F02D29/02 F02D11/08

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 F02M F02B F02D

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 5 671 708 A (KOJIMA SUSUMU ET AL) 30 September 1997 (1997-09-30) column 8, line 19 - last line column 29, line 33 - column 30, line 29 figures 1,2,42-45	1,7
X	US 5 722 365 A (ICHINOSE HIROKI ET AL) 3 March 1998 (1998-03-03) column 6, line 11 column 6, line 42 - line 45 figures 1,4	1,7
A	US 5 823 163 A (HOSHI KOICHI) 20 October 1998 (1998-10-20) column 2, line 38 - line 42 column 2, line 57 - line 60	1,7

☐ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

* Special categories of cited documents:

A document defining the general state of the art which is not considered to be of particular relevance

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O document referring to an oral disclosure, use, exhibition or other means

P document published prior to the international filing date but later than the priority date claimed

T later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

X document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

Y document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

Z document member of the same patent family

Date of the actual completion of the international search

22 November 2004

Date of mailing of the international search report

02/12/2004

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Information on patent family members

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